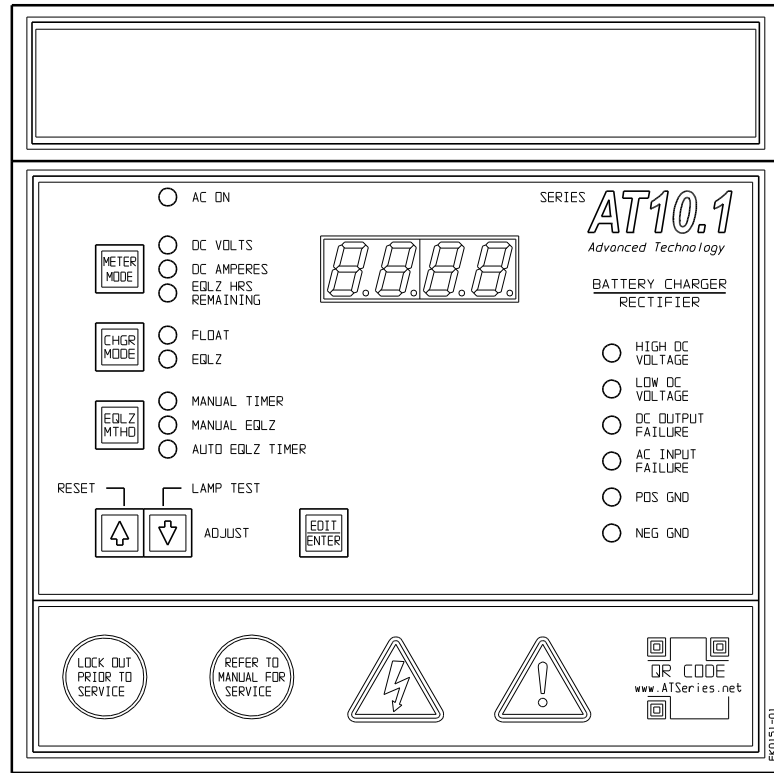
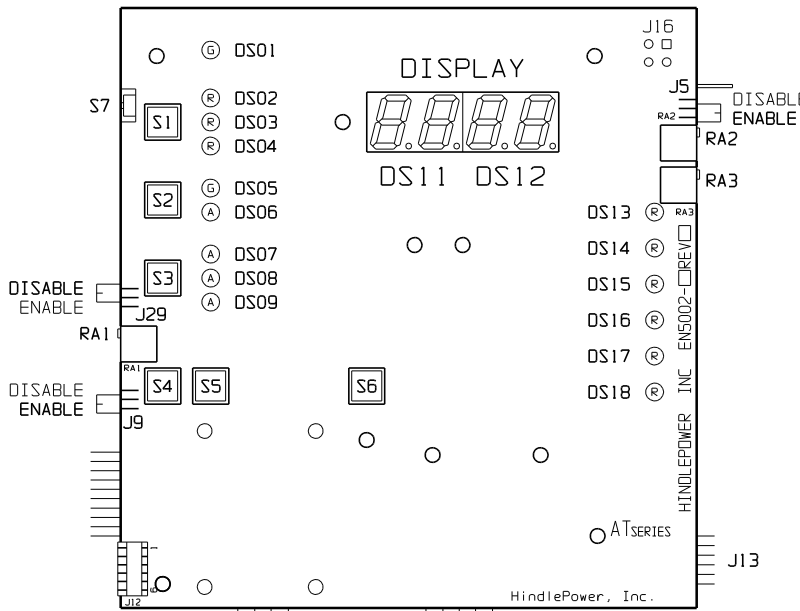


INDICATOR LIGHTS (LEDs):

- |                                     |                                |
|-------------------------------------|--------------------------------|
| DS01 - GREEN - AC ON                | DS10 - RED - LOW LEVEL DETECT  |
| DS02 - RED - DC VOLTS               | DS11 - RED - (METER DISPLAY)   |
| DS03 - RED - DC AMPERES             | DS12 - RED - (METER DISPLAY)   |
| DS04 - RED - EQUALIZE HRS REMAINING | DS13 - RED - HIGH DC VOLTAGE   |
| DS05 - GREEN - FLOAT                | DS14 - RED - LOW DC VOLTAGE    |
| DS06 - AMBER - EQUALIZE             | DS15 - RED - DC OUTPUT FAILURE |
| DS07 - AMBER - MANUAL TIMER         | DS16 - RED - AC INPUT FAILURE  |
| DS08 - AMBER - MANUAL EQUALIZE      | DS17 - RED - POSITIVE GROUND   |
| DS09 - AMBER - AUTO EQUALIZE TIMER  | DS18 - RED - NEGATIVE GROUND   |

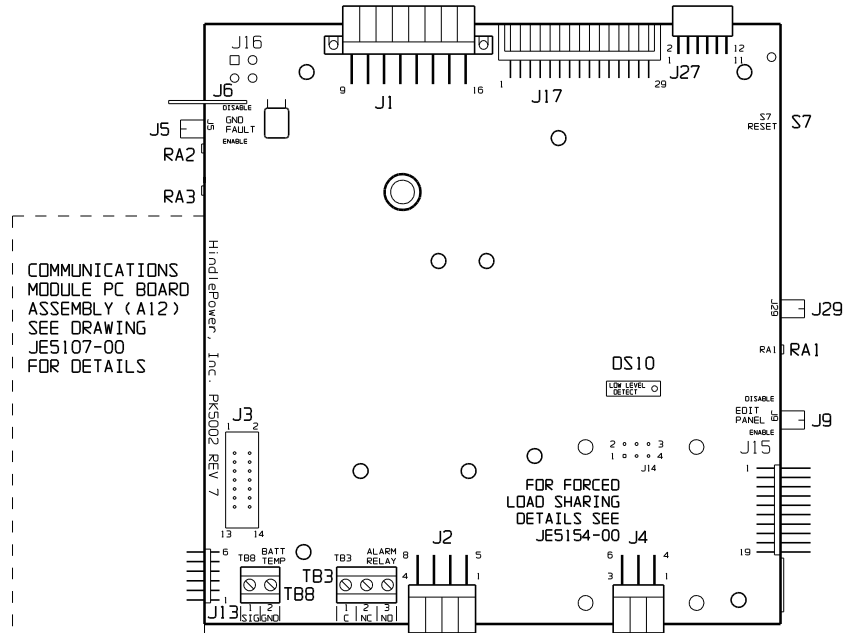


INSTRUMENT PANEL  
(PART No. FK0151-01)



MAIN CONTROL PC BOARD (A1)

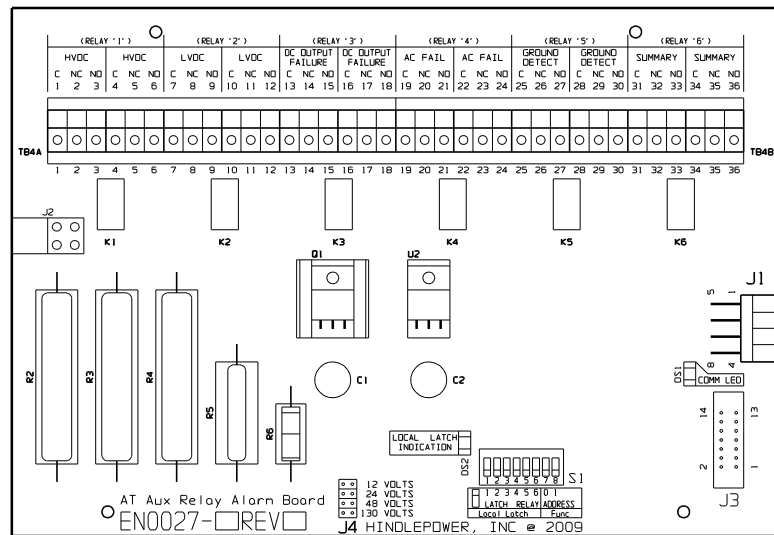
FRONT VIEW - FACING CHARGER DOOR WHEN INSTALLED



MAIN CONTROL PC BOARD (A1)

BACK VIEW - FACING CHARGER COMPONENTS WHEN INSTALLED

NOTE: UNLESS OTHERWISE SPECIFIED, ALL ALARM TERMINAL BLOCKS (TB3/TB4/TB8) ARE SOLDERLESS COMPRESSION TERMINALS, ACCEPTING #22-14 AWG WIRE. ALL ALARM CONTACTS SHOWN IN NON-ALARM STATE, WITH CHARGER ENERGIZED AND ALARM RELAYS ENERGIZED (FAIL SAFE). ALL ALARM CONTACTS WILL CHANGE STATE WHEN CHARGER IS POWERED DOWN. CONTACT RATING IS 0.5A @ 125VAC/VDC RESISTIVE.



AUXILIARY ALARM RELAY PC BOARD (A5)

A5-J1 CONNECTED TO A1-J2 VIA EH5045-XX 8-PIN SERIAL CABLE

OTHER CONTROLS:  
RA1 - LOW LEVEL DETECT ADJUST  
RA2 - GROUND FAULT BALANCE  
RA3 - GROUND FAULT SENSITIVITY

NON-USER ACCESSED JUMPERS:  
J3 - OLD A5 RIBBON CONNECTOR  
J12 - BOARD PROGRAMMING  
J14 - OLD FORCED LOAD SHARING  
J15 - MANUFACTURING TEST  
J16 - OLD INTERNAL TEMP

USER JUMPERS:

- J1 - MAINFRAME SIGNAL HARNESS
- J2 - AUX ALARM RELAY BOARD (A5) SERIAL CONNECTOR
- J4 - FORCED LOAD SHARING CABLE INTERCONNECTOR
- J5 - GROUND FAULT ENABLE/DISABLE
- J6 - EARTH GROUND CONNECTOR
- J9 - FRONT PANEL ENABLE/DISABLE (LOCKOUT)
- J13 - COMMUNICATIONS PC BOARD (A12) INTERCONNECTOR
- J17 - HD GATE DRIVER PC BOARD (A11) INTERCONNECTOR
- J27 - NOT USED (3PH GATE DRIVER PCB INTERCONNECTOR)
- J29 - LATCHING ALARMS ENABLE/DISABLE

SWITCHES:

- S1 - METER MODE
- S2 - CHARGER MODE
- S3 - EQUALIZE METHOD
- S4 - Δ ADJUST
- S5 - ▽ ADJUST
- S6 - EDIT / ENTER
- S7 - PROCESSOR MANUAL RESET

TERMINAL BLOCKS:

- TB3 - SUMMARY ALARM RELAY CONTACTS
- TB4 - AUX ALARM RELAY CONTACTS
- TB8 - OPTIONAL TEMPCO PROBE (A10) INTERCONNECTOR

4	23006	020812		THIRD ANGLE PROJECTION	TITLE AT10.1 SERIES BATTERY CHARGER (GROUP I) INSTRUMENT PANEL / PC BOARD DETAIL (OPTIONAL)	
3	21922	120209				
2	21097	041108	DRAWN BY MCR	022003	DRAWING No. JE5030-19	
1	E2044	051705	APPROVED	022003		REV 4
0	E1141	022003	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		SCALE NTS	
REV	ECN No	DATE				PART No. JE5030-19
					SHEET 1 OF 1	B